

## Raw Sequence Listing Error Summary

### ERROR DETECTED

### SUGGESTED CORRECTION

SERIAL NUMBER:

10/656,358

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ Wrapped Nucleics  
    Wrapped Aminos     The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
  
- 2 ☐ Invalid Line Length     The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
  
- 3 ☐ Misaligned Amino  
    Numbering     The numbering under each 5<sup>th</sup> amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
  
- 4 ☐ Non-ASCII     The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. Please **ensure your subsequent submission is saved in ASCII text**.
  
- 5 ☐ Variable Length     Sequence(s)        contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
  
- 6 ☐ PatentIn 2.0  
    "bug"     A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)       . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
  
- 7 ☐ Skipped Sequences  
    (OLD RULES)     Sequence(s)        missing. If intentional, please insert the following lines for each skipped sequence:  
                               (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                                   (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
                                   (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                               This sequence is intentionally skipped  
  
                               Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
  
- 8 ☐ Skipped Sequences  
    (NEW RULES)     Sequence(s)        missing. If intentional, please insert the following lines for each skipped sequence.  
                               <210> sequence id number  
                               <400> sequence id number  
                               000
  
- 9 ☐ Use of n's or Xaa's  
    (NEW RULES)     Use of n's and/or Xaa's have been detected in the Sequence Listing.  
                               Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
                               In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
  
- 10 ☐ Invalid <213>  
    Response     Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
  
- 11 ☒ Use of <220>     Sequence(s) 1-2 missing the <220> "Feature" and associated numeric identifiers and responses.  
                               Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
                               (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
  
- 12 ☐ PatentIn 2.0  
    "bug"     Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
  
- 13 ☐ Misuse of n/Xaa     "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/656,358

DATE: 09/17/2003

TIME: 15:54:55

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\09172003\J656358.raw

3 <110> APPLICANT: Robinson, Donna L.  
 5 <120> TITLE OF INVENTION: IMPROVED METHODS FOR SEQUENCING GC-RICH AND CCT REPEAT DNA  
 6 TEMPLATES  
 8 <130> FILE REFERENCE: S-100,543  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/656,358  
 C--> 10 <141> CURRENT FILING DATE: 2003-09-04  
 10 <160> NUMBER OF SEQ ID NOS: 2  
 12 <170> SOFTWARE: PatentIn version 3.2  
 14 <210> SEQ ID NO: 1  
 15 <211> LENGTH: 24  
 16 <212> TYPE: DNA  
 17 <213> ORGANISM: Artificial  
 19 <220> FEATURE:  
 20 <223> OTHER INFORMATION: Artificial Sequence  
 22 <400> SEQUENCE: 1  
 23 gctgcaaggc gattaagttg ggta  
 26 <210> SEQ ID NO: 2  
 27 <211> LENGTH: 26  
 28 <212> TYPE: DNA  
 29 <213> ORGANISM: Artificial  
 31 <220> FEATURE:  
 32 <223> OTHER INFORMATION: Artificial Sequence  
 34 <400> SEQUENCE: 2  
 35 gttgtgtgga attgtgagcg gataac

Does Not Comply  
 Corrected Diskette Needed

see item 11 on  
 error summary  
 sheet.

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 09/17/2003  
PATENT APPLICATION:    US/10/656,358      TIME: 15:54:56

Input Set : A:\PTO.KD.txt  
Output Set: N:\CRF4\09172003\J656358.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

**VERIFICATION SUMMARY**

PATENT APPLICATION: **US/10/656,358**

DATE: 09/17/2003

TIME: 15:54:56

Input Set : **A:\PTO.KD.txt**

Output Set: **N:\CRF4\09172003\J656358.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date



Creation date: 09-29-2003  
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No.	Docode	Number of pages
1	CRFE	9

Total number of pages: 9

Remarks:

Order of re-scan issued on .....